Most Frequently Occurring Classifications of Patents Returned
From A Search of 10000413 on August 13, 2004

Original Classifications
```
6   345/419
3   382/151
2   345/427
2   382/103
2   382/118
2   382/159
2   382/218
2   600/407
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Cross-Reference Classifications
```
6   345/420
2   128/898
2   128/922
2   345/423
2   345/442
2   345/473
2   345/619
2   348/169
2   378/901
2   382/103
2   382/154
2   382/181
2   382/199
2   382/215
2   382/218
2   382/285
2   623/901
```

Combined Classifications
```
7   345/419
7   345/420
4   382/103
4   382/151
4   382/218
3   345/423
3   345/427
3   382/154
3   382/181
2   128/898
2   128/922
2   345/442
2   345/473
2   345/589
2   345/619
2   345/620
2   348/169
2   378/901
2   382/118
2   382/159
2   382/203
2   382/215
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2   382/236
2   382/285
2   600/407
2   600/416
2   600/544
2   623/901
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7  345/419      (6 OR, 1 XR)
        Class  345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                        INTERFACE PROCESSING, AND SELECTIVE VISUAL   DISPLAY
                        SYSTEMS
        345/418          COMPUTER GRAPHICS PROCESSING
        345/419          .Three-dimension

7  345/420      (1 OR, 6 XR)
        Class  345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                        INTERFACE PROCESSING, AND SELECTIVE VISUAL   DISPLAY
                        SYSTEMS
        345/418          COMPUTER GRAPHICS PROCESSING
        345/419          .Three-dimension
        345/420          ..Solid modelling

4  382/103      (2 OR, 2 XR)
        Class  382 :  IMAGE ANALYSIS
        382/100          APPLICATIONS
        382/103          .Target tracking or detecting

4  382/151      (3 OR, 1 XR)
        Class  382 :  IMAGE ANALYSIS
        382/100          APPLICATIONS
        382/141          .Manufacturing or product inspection
        382/145          ..Inspection of semiconductor device or printed
                            circuit board
        382/151          ...Alignment, registration, or position
                            determination

4  382/218      (2 OR, 2 XR)
        Class  382 :  IMAGE ANALYSIS
        382/181          PATTERN RECOGNITION
        382/209          .Template matching (e.g., specific devices that
                            determine the best match)
        382/217          ..Electronic template
        382/218          ...Comparator

3  345/423      (1 OR, 2 XR)
        Class  345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                        INTERFACE PROCESSING, AND SELECTIVE VISUAL   DISPLAY
                        SYSTEMS
        345/418          COMPUTER GRAPHICS PROCESSING
        345/419          .Three-dimension
        345/423          ..Tessellation

3  345/427      (2 OR, 1 XR)
        Class  345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                        INTERFACE PROCESSING, AND SELECTIVE VISUAL   DISPLAY
                        SYSTEMS
        345/418          COMPUTER GRAPHICS PROCESSING
        345/419          .Three-dimension
        345/427          ..Space transformation
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3  382/154      (1 OR, 2 XR)
       Class  382 :  IMAGE ANALYSIS
       382/100        APPLICATIONS
       382/154        .3-D or stereo imaging analysis

3  382/181      (1 OR, 2 XR)
       Class  382 :  IMAGE ANALYSIS
       382/181        PATTERN RECOGNITION

2  128/898      (0 OR, 2 XR)
       Class  128 :  SURGERY
       128/897        MISCELLANEOUS
       128/898        .Methods

2  128/922      (0 OR, 2 XR)
       Class  128 :  SURGERY
       128/920        COMPUTER ASSISTED MEDICAL DIAGNOSTICS
       128/922        .Including image analysis

2  345/442      (0 OR, 2 XR)
       Class  345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                     INTERFACE PROCESSING, AND SELECTIVE VISUAL    DISPLAY
                     SYSTEMS
       345/418        COMPUTER GRAPHICS PROCESSING
       345/441        .Shape generating
       345/442        ..Curve

2  345/473      (0 OR, 2 XR)
       Class  345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                     INTERFACE PROCESSING, AND SELECTIVE VISUAL    DISPLAY
                     SYSTEMS
       345/418        COMPUTER GRAPHICS PROCESSING
       345/473        .Animation

2  345/589      (1 OR, 1 XR)
       Class  345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                     INTERFACE PROCESSING, AND SELECTIVE VISUAL    DISPLAY
                     SYSTEMS
       345/418        COMPUTER GRAPHICS PROCESSING
       345/581        .Attributes (surface detail or characteristic,
                         display attributes)
       345/589        ..Color or intensity

2  345/619      (0 OR, 2 XR)
       Class  345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                     INTERFACE PROCESSING, AND SELECTIVE VISUAL    DISPLAY
                     SYSTEMS
       345/418        COMPUTER GRAPHICS PROCESSING
       345/619        .Graphic manipulation (object processing or
                         display attributes)

2  345/620      (1 OR, 1 XR)
       Class  345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                     INTERFACE PROCESSING, AND SELECTIVE VISUAL    DISPLAY
                     SYSTEMS
       345/418        COMPUTER GRAPHICS PROCESSING
       345/619        .Graphic manipulation (object processing or
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                      display attributes)
        345/620         ..Clipping

  2  348/169        (0 OR, 2 XR)
        Class   348 :  TELEVISION
        348/169         OBJECT TRACKING

  2  378/901        (0 OR, 2 XR)
        Class   378 :  X-RAY OR GAMMA RAY SYSTEMS OR DEVICES
        378/901         COMPUTER TOMOGRAPHY PROGRAM OR PROCESSOR

  2  382/118        (2 OR, 0 XR)
        Class   382 :  IMAGE ANALYSIS
        382/100         APPLICATIONS
        382/115         .Personnel identification (e.g., biometrics)
        382/118         ..Using a facial characteristic

  2  382/159        (2 OR, 0 XR)
        Class   382 :  IMAGE ANALYSIS
        382/155         LEARNING SYSTEMS
        382/159         .Trainable classifiers or pattern recognizers
                          (e.g., adaline, perceptron)

  2  382/199        (0 OR, 2 XR)
        Class   382 :  IMAGE ANALYSIS
        382/181         PATTERN RECOGNITION
        382/190         .Feature extraction
        382/195         ..Local or regional features
        382/199         ...Pattern boundary and edge measurements

  2  382/203        (1 OR, 1 XR)
        Class   382 :  IMAGE ANALYSIS
        382/181         PATTERN RECOGNITION
        382/190         .Feature extraction
        382/195         ..Local or regional features
        382/203         ...Shape and form analysis

  2  382/215        (0 OR, 2 XR)
        Class   382 :  IMAGE ANALYSIS
        382/181         PATTERN RECOGNITION
        382/209         .Template matching (e.g., specific devices that
                          determine the best match)
        382/215         ..Using dynamic programming or elastic
                          templates (e.g., warping)

  2  382/236        (1 OR, 1 XR)
        Class   382 :  IMAGE ANALYSIS
        382/232         IMAGE COMPRESSION OR CODING
        382/236         .Interframe coding (e.g., difference or motion
                          detection)

  2  382/285        (0 OR, 2 XR)
        Class   382 :  IMAGE ANALYSIS
        382/276         IMAGE TRANSFORMATION OR PREPROCESSING
        382/285         .Mapping 2-D image onto a 3-D surface

  2  600/407        (2 OR, 0 XR)
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       Class   600 :  SURGERY
       600/300         DIAGNOSTIC TESTING
       600/407         .Detecting nuclear, electromagnetic, or
                          ultrasonic radiation

2  600/416        (1 OR, 1 XR)
       Class   600 :  SURGERY
       600/300         DIAGNOSTIC TESTING
       600/407         .Detecting nuclear, electromagnetic, or
                          ultrasonic radiation
       600/410         ..Magnetic resonance imaging or spectroscopy
       600/416         ...Simulation of modeling

2  600/544        (1 OR, 1 XR)
       Class   600 :  SURGERY
       600/300         DIAGNOSTIC TESTING
       600/544         .Detecting brain electric signal

2  623/901        (0 OR, 2 XR)
       Class   623 :  PROSTHESIS
       623/901         METHOD OF MANUFACTURING PROSTHETIC DEVICE
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